

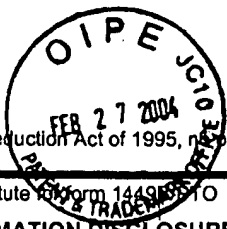
Application Number	10/330,896 10/728,067
Filing Date	12/23/2002 12/03/2003
First Named Inventor	Kenneth F. Buechler
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	071949-5002 5604

Sheet	1	of	27
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PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute Form 1449 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: <u>April 14, 2003</u> (use as many sheets as necessary)		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/330,090- 10/728,067</td> </tr> <tr> <td>Filing Date</td> <td>12/23/2002 12/03/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Kenneth F. Buechler</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>071949-5602- 5604</td> </tr> </table>		Application Number	10/330,090- 10/728,067	Filing Date	12/23/2002 12/03/2003	First Named Inventor	Kenneth F. Buechler	Group Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	071949-5602- 5604
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Sheet	2	of	27												

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
UJ	B1	EPO	999447A1					
UJ	B2	WO	01/16599 A1					

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
UJ	C1	Aggarwal et al., "Evaluation of serum lipid profile and cardiac enzyme changes in cerebrovascular accidents," <i>JIMA</i> , 93:331-332 (1995).	
	C2	Akiyama et al., "Changes in serum concentrations of matrix metalloproteinases, tissue inhibitors of metallo proteinases and Type IV collagen in patients with various types of glomerulonephritis," <i>Res. Commun. In Mol. Path. and Pharm.</i> , 95(2): 115-128 (1997).	
	C3	Albrechtsen, M. and Bock, E. J., "Quantification of Glial Fibrillary Acidic Protein (GFAP) in Human Body Fluids by means of ELISA Employing a Monoclonal Antibody," <i>Neuroimmunol.</i> 8:301-309 (1985).	
	C4	Amaro, A. et al., "Plasma leukocyte elastase concentration in angiographically diagnosed coronary artery disease," <i>Eur. Heart J.</i> 16:615-622 (1995).	
	C5	Ardissino, D. et al., "Tissue-factor antigen and activity in human coronary atherosclerotic plaques," <i>Lancet</i> 349:769-771 (1997).	
	C6	Asano, Y. et al., "Clinical Significance of surfactant protein D as a serum marker of evaluating pulmonary fibrosis in patients with systemic sclerosis," <i>Arthritis Rheum</i> 44(6):1363-9 (June 2001).	
	C7	Austgulen et al., "Increased maternal plasma levels of soluble adhesion molecules (ICAM-1, VCAM-1, E-selectin) in preclampsia," <i>Eur. J. Obstet. Gynecol. Reprod. Biol.</i> , 71:53-58 (1997).	
	C8	Badr-elDin et al., "Eosinophil cationic protein as a serological marker of disease activity in childhood bronchial asthma," <i>East Mediterr. Health J.</i> 5:664-75 (1999).	
↓	C9	Baker, T. et al., "Serum metalloproteinases and their inhibitors: markers for malignant potential," <i>Br. J. Cancer</i> 70:506-512 (1994).	

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UJ	C10	Balogopalakrishna, C. <i>et al.</i> , "Modification of low density lipoproteins by erythrocytes and hemoglobin under hypoxic conditions, <i>Adv. Exp. Med. Biol.</i> 411:337-345 (1997).	
	C11	Bandoh <i>et al.</i> , "Sequential changes of KL-6 in sera of patients with interstitial pneumonia associated with polymyositis/dermatomyositis," <i>Ann. Rheum. Dis.</i> 59:257-62 (2000).	
	C12	Banks <i>et al.</i> , "Circulating intercellular adhesion molecule-1 (ICAM-1), E-selectin and vascular cell adhesion molecule-1 (VCAM-1) in human malignancies," <i>Br. J. Cancer</i> 68:122-124 (1993).	
	C13	Bates <i>et al.</i> , "Neurotrophin-3 promotes cell death induced in cerebral ischemia, oxygen-glucose deprivation, and oxidative stress: possible involvement of oxygen free radicals," <i>Neurobiology of Disease</i> 24-37 (2002). Vol. 9	
	C14	Bayes-Genis, A. <i>et al.</i> , "Elevated levels of plasmin- α 2 antiplasmin complexes in unstable angina," <i>Thromb. Haemost.</i> 81:865-68 (1999).	
	C15	Bazzan, M. <i>et al.</i> , "No evidence of platelet activation during atrial pacing in subjects with stable angina," <i>Cardiologia</i> 34:217-220 (1989).	
	C16	Benamer <i>et al.</i> , "Comparison of the prognostic value of C-reactive protein and troponin I in patients with unstable angina pectoris," <i>Am. J. Cardiol.</i> , 82:845-850 (1998).	
	C17	Bertinchant, J.P. <i>et al.</i> , "Release kinetics of serum cardiac troponin I in ischemic myocardial injury," <i>Clin. Biochem.</i> 29:587-594 (1996).	
	C18	Bialik <i>et al.</i> , "Myocyte apoptosis during acute myocardial infarction in the mouse localizes to hypoxic regions but occurs independently of p53," <i>J. Clin. Invest.</i> 100(6): 1363-1372 (1997).	
	C19	Biasucci <i>et al.</i> , "Episodic activation of the coagulation system in unstable angina does not elicit an acute phase reaction," <i>Am. J. of Cardiol.</i> 77:85-87 (1996).	
	C20	Biasucci, L.M. <i>et al.</i> , "Temporal relation between ischemic episodes and activation of the coagulation system in unstable angina," <i>Circulation</i> 93:2121-2127 (1996).	
	C21	Biasucci <i>et al.</i> , "Elevated levels of interleukin-6 in unstable angina," <i>Circulation</i> 94:874-877 (1996).	
↓	C22	Biasucci <i>et al.</i> , "Increasing levels of interleukin (IL)-1Ra and IL-6 during the first 2 days of hospitalization in unstable angina are associated with increased risk of in-hospital coronary events," <i>Circulation</i> 99:2079-2084 (1999).	

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Date
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,090 10/728,067
		Filing Date	12/23/2002 12/03/2003
Date Submitted: April 14, 2003		First Named Inventor	Kenneth F. Buechler
(use as many sheets as necessary)		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	4	of	27
		Attorney Docket Number	071949- 5602 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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UJ	C23	Bitsch et al., "A longitudinal prospective study of soluble adhesion molecules in acute stroke," <i>Stroke</i> , 29:2129-2135 (1998).	
	C24	Blankaert et al., "Constitutive release of metalloproteinase-9 (92-kd Type IV collagenase) by Kaposi's sarcoma cells," <i>J. Acquir. Immune Defic. Syndr. Hum. Retrovirol.</i> 18:203-209 (1998).	
	C25	Blann et al., "Soluble intercellular adhesion molecule-1, E-selectin, vascular cell adhesion molecule-1 and von Willebrand factor in stroke," <i>Blood Coagul. Fibrinolysis</i> 10:277-284 (1999).	
	C26	Blann, A.D. et al., "Evidence of platelet activation in hypertension," Thromb. Haemost. 77:1077-1080 (1997) <i>J. Hum. Hypertens.</i> 11:607-609 (1997)	
	C27	Blann, A.D. et al., "Soluble P-selectin in atherosclerosis: a comparison with endothelial cell and platelet markers," J. Hum. Hypertens. 11:607-609 (1997) <i>Thromb. Haemost.</i> 77:1077-1080 (1997)	
	C28	Bonfrer et al., "The luminescence immunoassay S-100: a sensitive test to measure circulating S-100B: its prognostic value in malignant melanoma," <i>Brit. Jour. of Cancer</i> 77(12): 2210-2214 (1998).	
	C29	Bollensen et al., "Adenylate kinase enzyme activity in cases of brain infarction," <i>Acta Neurol. Scand.</i> 79:53-58 (1989).	
	C30	Bonomini, M. et al., "Serum levels of soluble adhesion molecules in chronic renal failure and dialysis patients," <i>Nephron</i> 79:399-407 (1998).	
	C31	Bonow, "New insights into the cardiac natriuretic peptides," <i>Circulation</i> 93:1946-1950 (1996).	
	C32	Bosshak et al., "Plasma levels of the chemokines monocyte chemoattractant proteins-1 and -2 are elevated in human sepsis," <i>Blood</i> 86(10): 3841-3847 (1995).	
	C33	Bousquet et al., "Eosinophilic inflammation in asthma," <i>New Engl. J Med.</i> 323:1033-9 (1990).	
	C34	Bowen-Pope, D.F. et al., "Platelet-derived growth factor in vivo: levels, activity, and rate of clearance," <i>Blood</i> 64:458-469 (1984).	
	C35	Brooks and Ergul, "Identification of amino acid residues in the C-terminal tail of big endothelin-1 involved in processing to endothelin-1," <i>J. Mol. Endocrinol.</i> 21:307-15 (1998).	
✓	C36	Brown, D.L. et al., "Identification of 92-kd gelatinase in human coronary atherosclerotic lesions," <i>Circulation</i> 91:2125-2131 (1995).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	40/330,696 10/728,067
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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
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Sheet	5 of 27	Attorney Docket Number	071949- 6002 5604

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UJ	C37	Caligiuri et al., "Immune system activation follows inflammation in unstable angina: pathogenetic implications," <i>J. Am. Coll. Cardiol.</i> 32:1295-1304 (1998).	
	C38	Carlstedt et al., "Proinflammatory cytokines, measured in a mixed population on arrival in the emergency department, are related to mortality and severity of disease," <i>Journal of Internal Medicine</i> 242:361-365 (1997).	
	C39	Carraro, U. and Franceschi, C., "Apoptosis of skeletal and cardiac muscles and physical exercise," <i>Aging (Milano)</i> 9:19-34 (1997).	
	C40	Carter et al., "Platelet GP IIIa P1A and GP Ib variable number tandem repeat polymorphisms and markers of platelet activation in acute stroke," <i>Arterioscler. Thromb. Vasc.</i> 18:1124-1131 (1998).	
	C41	Carter et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i> 344:633-638 (1990).	
	C42	Carville, D.G. et al., "Thrombus precursor protein (TpP™): marker of thrombosis early in the pathogenesis of myocardial infarction," <i>Clin. Chem.</i> 42:1537-1541 (1996).	
	C43	Catto et al., "von Willebrand factor and factor VIII: C in acute cerebrovascular disease," <i>Thromb. Haemost.</i> 77:1104-8 (1997).	
	C44	Chong, B.H. et al., "Plasma P-selectin is increased in thrombotic consumptive platelet disorders," <i>Blood</i> 83:1535-1541 (1994).	
	C45	Colucciello, S.A., <i>EMR Textbook</i> , pp. 1-23 http://www.thrombosis-consult.com/articles/Texbook/54_pulmonary , printed 11/04/2002	
	C46	Cohen, A.M. et al., "Plasma clearance and tissue distribution of recombinant human platelet-derived growth factor (B-chain homodimer) in rats," <i>J. Surg. Res.</i> 49:447-452 (1990).	
	C47	Crouch, "Surfactant protein-D and pulmonary host defense," <i>Respir. Res.</i> 1: 93-108 (2000).	
	C48	Curzen et al., "Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?" <i>Heart</i> 80:23-27 (1998).	
	C49	D'Astou, M., "Diastolic Heart Failure," <i>Persp. In Cardiology</i> pp. 30-37 (May 2002).	
✓	C50	Dangas et al., "Correlation of serum lipoprotein(a) with the angiographic and clinical presentation of coronary artery disease," <i>Am. J. Cardiol.</i> 83:583-585 (1999).	

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UJ	C51	Dao et al., "Utility of B-Type Natriuretic Peptide in the Diagnosis of Congestive Heart Failure in an Urgent-Care Setting," <i>J. Am. Coll. Cardiol.</i> 37:379-85 (2001).	
	C52	Davi, G. et al., "Increased levels of soluble P-selectin in hypercholesterolemic patients," <i>Circulation</i> 97:953-957 (1998).	
	C53	Davidson et al., "C-type natriuretic peptide," <i>Circulation</i> 93:1155-9 (1996).	
	C54	Davie et al., "The coagulation cascade: initiation, maintenance and regulation," <i>Biochemistry</i> 30(43): 10363-10370 (1991).	
	C55	De Caterina, R. et al., "Platelet activation in angina at rest. Evidence by paired measurement of plasma beta-thromboglobulin and platelet factor 4*," <i>Eur. Heart J.</i> 9:913-922 (1988).	
	C56	De Rose et al., "Circulating adhesion molecules in cystic fibrosis," <i>Am. J. Respir. Crit. Care Med.</i> 157: 1234-1239 (1998).	
	C57	Depre, C. et al., "Expression of inducible nitric oxide synthase in human coronary atherosclerotic plaque," <i>Cardiovasc. Res.</i> 41:465-472 (1999).	
	C58	Diller, M.P. et al., "Congestive Heart Failure Due to Diastolic or Systolic Dysfunction," <i>Arch Fam Med.</i> 8:414-420 (1999).	
	C59	Dinerman, J.L. et al., "Increased neutrophil elastase release in unstable angina pectoris and acute myocardial infarction," <i>J. Am. Coll. Cardiol.</i> 15:1559-1563 (1990).	
	C60	Doubell, A.F. et al., "Identification and immunolocalisation of annexins V and VI, the major cardiac annexins, in rat heart," <i>Cardiovasc. Res.</i> 27:1359-1367 (1993).	
	C61	Dunlop, L.C. et al., "Characterization of GMP-140 (P-selectin) as a circulating plasma protein," <i>J. Exp. Med.</i> 175:1147-1150 (1992).	
	C62	Durany, N. and Carreras, J., "Distribution of phosphoglycerate mutase isozymes in rat, rabbit and human tissues," <i>Comp. Biochem. Physiol. B. Biochem. Mol. Biol.</i> 114:217-223 (1996).	
	C63	Egermayer et al., "Usefulness of D-dimer, blood gas, and respiratory rate measurements for excluding pulmonary embolism," <i>Thorax</i> 53:830-34 (1998).	
↓	C64	Eisenberg et al., "Interleukin 1 receptor antagonist is a member of the interleukin 1 gene family: evolution of a cytokine control mechanism," <i>Proc. Nat. Acad. Sci. USA</i> , 88: 5232-5236 (1991).	

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UJ	C65	Emsley et al., "Crystal structure of the von Willebrand factor A1 domain and implications for the binding of platelet glycoprotein Ib," <i>Journal of Biological Chemistry</i> 273(17): 10396-10401, (1998).	
	C66	Endo et al., "Elevated levels of serum and plasma metalloproteinases in patients with gastric cancer," <i>Anticancer Research</i> 17:2253-2258 (1997).	
	C67	Endo, S. et al., "Plasma interleukin 8 and polymorphonuclear leukocyte elastase concentrations in patients with septic shock," <i>J. Inflamm.</i> 45:136-142 (1995).	
	C68	Eriksson, S. et al., "Leucocyte elastase as a marker in the diagnosis of acute appendicitis," <i>Eur. J. Surg.</i> 161:901-905 (1995).	
	C69	Ertenli, I. et al., "P-selectin as a circulating molecular marker in rheumatoid arthritis with thrombocytosis," <i>J. Rheumatol.</i> 25:1054-1058 (1998).	
	C70	Estrada et al., "High plasma levels of endothelin-1 and atrial natriuretic peptide in patients with acute ischemic stroke," <i>Am. J. of Hypertension</i> 7(12):1085-1089 (1994).	
	C71	Falciani, M. et al., "Elevated tissue factor and tissue factor pathway inhibitor circulating levels in ischemic heart disease patients," <i>Thromb. Haemost.</i> 79:495-499 (1998).	
	C72	Feinberg et al., "Hemostatic markers in acute ischemic stroke," <i>Stroke</i> 27:1296-1300 (1996).	
	C73	Fernandez, P. et al., "Utility of the serum biochemical markers CPK, CPK MB mass, myoglobin, and cardiac troponin T in a chest pain unit," <i>Rev. Esp. Cardio.</i> 55(9):913-20 (Sep 2002).	
	C74	Fernandes-Alnemri et al., "CPP32, a novel human apoptotic protein with homology to <i>Caenorhabditis elegans</i> cell death protein Ced-3 and mammalian interleukin-1 β -converting enzyme," <i>Journal of Biological Chemistry</i> 269(49): 30761-30764 (1994).	
	C75	Fisher et al., "Serum concentrations and peripheral secretion of the beta chemokines monocyte chemoattractant protein 1 and macrophage inflammatory protein 1 α in alcoholic liver disease," <i>Gut</i> 45(3):416-420 (1999).	
✓	C76	Fon et al., "Hemostatic markers in acute transient ischemic attacks," <i>Stroke</i> 25(2): 282-286 (1994).	

Examiner
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	40/330,090 10/728,067
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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	8 of 27	Attorney Docket Number	071949- 5002 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
UJ	C77	Forssmann et al., "The endocrine heart and natriuretic peptides: histochemistry, cell biology, and functional aspects of the renal urodilatin system," <i>Histochem Cell Biol</i> 110: 335-357 (1998).	
	C78	Fox, J.E., "Shedding of adhesion receptors from the surface of activated platelets," <i>Blood Coagul. Fibrinolysis</i> 5:291-304 (1994).	
	C79	Fransen, E.J. et al., "Evaluation of "new" cardiac markers for ruling out myocardial infarction" <i>Chest</i> 122(4):1316-21 (Oct 2002).	
	C80	Frijns, C.J. et al., "Soluble adhesion molecules reflect endothelial cell activation in ischemic stroke and in carotid atherosclerosis," <i>Stroke</i> 28:2214-2218 (1997).	
	C81	Fujii et al., "Hemostasis in spontaneous subarachnoid hemorrhage," <i>Neurosurgery</i> 37(2): 226-234 (1995).	
	C82	Fujii et al., "Serial changes of hemostasis in aneurysmal subarachnoid hemorrhage with special reference to delayed ischemic neurological deficits," <i>J. Neurosurg.</i> 86:594-602 (1997).	
	C83	Gaasch, W.H., "Diagnosis and treatment of heart failure based on left ventricular systolic or diastolic dysfunction," <i>JAMA</i> 271:1276-80 (1994).	
	C84	Gabay et al., "Interleukin 1 receptor antagonist (IL-1Ra) is an acute-phase protein," <i>J. Clin. Invest.</i> 99(12): 2930-2940 (1997).	
	C85	Gallino, A. et al., "Fibrin formation and platelet aggregation in patients with acute myocardial infarction: effects of intravenous and subcutaneous low-dose heparin," <i>Am. Heart J.</i> 112:285-290 (1986).	
	C86	Gamble, J.R. et al., "Prevention of activated neutrophil adhesion to endothelium by soluble adhesion protein," <i>Science</i> 249:414-417 (1990).	
	C87	Gando, S. et al., "Increased neutrophil elastase, persistent intravascular coagulation, and decreased fibrinolytic activity in patients with posttraumatic acute respiratory distress syndrome," <i>J. Trauma</i> 42:1068-1072 (1997).	
	C88	Garbisa, S. et al., "Correlation of serum metalloproteinase levels with lung cancer metastasis and response to therapy," <i>Cancer Res.</i> 52:4548-4549 (1992).	
✓	C89	Genereau, T. et al., "Human neutrophil elastase in temporal (Giant Cell) arteritis: plasma and immunohistochemical studies," <i>J. Rheumatol.</i> 25:710-713 (1998).	

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UJ	C90	Gensini, G.F. <i>et al.</i> , "Increased protein C and fibrinopeptide: a concentration in patients with angina," <i>Thromb. Res.</i> 50:517-525 (1988).	
	C91	George <i>et al.</i> , "Evidence for altered hepatic matrix degradation in genetic haemochromatosis," <i>Gut</i> 42: 715-720 (1998).	
	C92	Ghaisas, N.K. <i>et al.</i> , "Elevated levels of circulating soluble adhesion molecules in peripheral blood of patients with unstable angina," <i>Am. J. Cardiol.</i> 80:617-619 (1997).	
	C93	Ghanem, H. <i>et al.</i> , "Increased low density lipoprotein oxidation in stable kidney transplant recipients," <i>Kidney Int.</i> 49:488-493 (1996).	
	C94	Giambanco, I. <i>et al.</i> , "Immunohistochemical localization of annexin V (CaBP33) in rat organs," <i>J. Histochem. Cytochem.</i> 39:P1189-1198 (1991).	
	C95	Glatz, J.F. <i>et al.</i> , "Fatty-acid-binding protein as a plasma marker for the estimation of myocardial infarct size in humans," <i>Br. Heart J.</i> 71:135-140 (1994).	
	C96	Gleeson, M. <i>et al.</i> , "The effect of severe eccentric exercise-induced muscle damage on plasma elastase, glutamine and zinc concentrations," <i>Eur. J. Appl. Physiol.</i> 77:543-546 (1998).	
	C97	Gogos <i>et al.</i> , "Pro-versus anti-inflammatory cytokine profile in patients with severe sepsis: a marker for prognosis and future therapeutic options," <i>J. Infect. Dis.</i> 181:176-80 (2000).	
	C98	Gohji <i>et al.</i> , "Elevation of serum levels of matrix metalloproteinase-2 and -3 as new predictors of recurrence in patients with urothelial carcinoma," <i>Cancer</i> 87(11):2379-2387 (12/1/1996).	
	C99	Goldhaber, S.Z., "Modern treatment of pulmonary embolism," <i>Eur. Respir. J. Suppl.</i> 35:22s-27s (2002).	
	C100	Goto <i>et al.</i> , "Enhanced shear-induced platelet aggregation in acute myocardial infarction," <i>Circulation</i> 99:608-613 (1999).	
	C101	Grisolia, S. <i>et al.</i> , "Influence of size, protein concentration, protein synthesis inhibitors, and carbon on clearance of enzymes and proteins from blood," <i>Physiol. Chem. Phys.</i> 8:37-52 (1976).	
	C102	Gruber, B.L. <i>et al.</i> , "Markedly elevated serum MMP-9 (Gelatinase B) levels in rheumatoid arthritis: a potentially useful laboratory marker," <i>Clin. Immunol. Immunopathol.</i> 78:161-171 (1996).	

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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
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		Examiner Name	Unassigned
Sheet 10 of 27		Attorney Docket Number	071949- 6002 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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UJ	C103	Gurfinkel, E. <i>et al.</i> , "Importance of thrombosis and thrombolysis in silent ischaemia: comparison of patients with acute myocardial infarction and unstable angina," <i>Br. Heart J.</i> 71:151-55 (1994).	
	C104	Hammer-Lercher <i>et al.</i> , "Head-to-head comparison of N-terminal pro-brain natriuretic peptide, brain natriuretic peptide and N-terminal pro-atrial natriuretic peptide in diagnosis left ventricular dysfunction," <i>Clin. Chim. Acta</i> 310(2):193-7 (2001).	
	C105	Hammerman, S.I. <i>et al.</i> , "Endothelial cell nitric oxide production in acute chest syndrome," <i>Am. J. Physiol.</i> 277:H1579-H1592 (1999).	
	C106	Hanley and McNeil, "The meaning and use of the area under a receiver operating characteristic (ROC) curve," <i>Radiology</i> 143:29-36 (1982).	
	C107	Harris, "Emergency management of acute asthma," <i>Aust. Fam. Physician</i> 31:802-06 (2002).	
	C108	Hasegawa, S. <i>et al.</i> , "S100a ₀ protein as a marker for tissue damage related to extracorporeal shock wave lithotripsy," <i>Eur. Urol.</i> 24:393-396 (1993).	
	C109	Hasegawa <i>et al.</i> , "Increased levels of calbindin-D in serum and urine from patients treated by extracorporeal shock wave lithotripsy," <i>Journal of Urology</i> 149:1414-1418 (1993).	
	C110	Hayasaka <i>et al.</i> , "Elevated plasma levels of matrix metalloproteinase-9 (92-kd type IV collagenase/gelatinase B) in hepatocellular carcinoma," <i>Hepatology</i> 24:1058-1062 (1996).	
	C111	Haznedaroglu, I.C. <i>et al.</i> , "Selectins and IL-6 during the clinical course of idiopathic thrombocytopenic purpura," <i>Acta Haematol.</i> 101:16-20 (1999).	
	C112	Herraez-Dominguez, M.V. <i>et al.</i> , "Immunological determination of muscle-type enolase in the serum as a diagnostic test for myocardial infarction," <i>Clin. Chim. Acta</i> 64:307-315 (1975).	
	C113	Hirashima <i>et al.</i> , "Cerebrospinal fluid tissue factor and thrombin-antithrombin III complex as indicators of tissue injury after subarachnoid hemorrhage," <i>Stroke</i> 28:1666-1670 (1997).	
	C114	Hirashima <i>et al.</i> , "Elevation of platelet activating factor, inflammatory cytokines, and coagulation factors in the internal jugular vein of patients with subarachnoid hemorrhage," <i>Neurochem. Res.</i> 22: 1249-1255 (1997).	
↓	C115	Hoffmeister, H.M. <i>et al.</i> , "Alterations of coagulation and fibrinolytic and kallibrein-kinin systems in the acute and postacute phases in patients with unstable angina pectoris," <i>Circulation</i> 91:2520-27 (1995).	

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Date Submitted: April 14, 2003		First Named Inventor	Kenneth F. Buechler
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		Attorney Docket Number	071949- 5002 5604

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UJ	C116	Hoffmeister, H.M. <i>et al.</i> , "Correlation between coronary morphology and molecular markers of fibrinolysis in unstable angina pectoris," <i>Atherosclerosis</i> 144:151-157 (1999).	
	C117	Hollander, J.E. <i>et al.</i> , "Risk stratification of emergency department patients with acute coronary syndromes using P-selectin," <i>J. Am. Coll. Cardiol.</i> 34:95-105 (1999).	
	C118	Holvoet, P. <i>et al.</i> , "Malondialdehyde-modified LDL as a marker of acute coronary syndromes," <i>JAMA</i> 281:1718-21 (1999).	
	C119	Holvoet, P., "Oxidative modification of low-density lipoproteins in atherothrombosis," <i>Acta Cardiol.</i> 53:253-260 (1998).	
	C120	Holvoet, P. <i>et al.</i> , "Oxidized LDL and malondialdehyde-modified LDL in patients with acute coronary syndromes and stable coronary artery disease," <i>Circulation</i> 98:1487-94 (1998).	
	C121	Humes, D.H., <i>Kelley's Textbook of Internal Medicine</i> , 4 th Ed., Lippincott Williams & Wilkins, Philadelphia, PA, 2000, pp. 2349-2354, "Approach to the Patient With Dyspnea."	
	C122	Hunt <i>et al.</i> , "The amino-terminal portion of Pro-brain natriuretic peptide (pro-BNP) circulates in human plasma," <i>Biochem. Biophys. Res. Commun.</i> 214:1175-1183 (1995).	
	C123	Iiyama, K. <i>et al.</i> , "Patterns of vascular cell adhesion molecule-1 and intercellular adhesion molecule-1 expression in rabbit and mouse atherosclerotic lesions and at sites predisposed to lesion formation," <i>Circ. Res.</i> 85:199-207 (1999).	
	C124	Iizasa, T. <i>et al.</i> , "Elevated levels of circulating plasma matrix metalloproteinase 9 in non-small cell lung cancer patients," <i>Clin. Cancer Res.</i> 5:149-153 (1999).	
	C125	Ikeda, H. <i>et al.</i> , "Increased soluble form of P-selectin in patients with unstable angina," <i>Circulation</i> 92:1693-1696 (1995).	
	C126	Ikeda, H. <i>et al.</i> , "Soluble form of P-selectin in patients with acute myocardial infarction," <i>Coron. Artery Dis.</i> 5:515-518 (1994).	
	C127	Isgro <i>et al.</i> , "A predictive parameter in patients with brain related complications after cardiac surgery," <i>Eur. J. Cardiothorac. Surg.</i> 11: 640-644 (1997).	
↓	C128	Ishii, J. <i>et al.</i> , "Serum concentrations of myoglobin vs human heart-type cytoplasmic fatty acid-binding protein in early detection of acute myocardial infarction," <i>Clin. Chem.</i> 43:1372-1378 (1997).	

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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
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UJ	C129	Jacque et al., "Myelin basic protein in CSF and blood," Arch. Neurol., 39: 557-560, 1982.	
	C130	James, T., "The variable morphological coexistence of apoptosis and necrosis in human myocardial infarction: significance for understanding its pathogenesis, clinical course, diagnosis and prognosis," Coron. Artery Dis. 9:291-307 (1998).	
	C131	Janoff, A., "Elastase in tissue injury," Annu Rev Med 36:207-216 (1985).	
	C132	Jensen et al., "Characterization of human brain S100 protein fraction: amino acid sequence of S100 β , J. Neurochem. 45:700-705 (1985).	
	C133	Jimenez, W. et al., "Nitric oxide production and inducible nitric oxide synthase expression in peritoneal macrophages of cirrhotic patients," Hepatology 30:670-676 (1999).	
	C134	Johnson et al., "Activation of matrix-degrading metalloproteinases by mast cell proteases in atherosclerotic plaques," Arterioscler. Thromb. Vasc. Biol. 18:1707-1715 (1998).	
	C135	Johnsson et al., "Markers of cerebral ischemia after cardiac surgery," J. Cardiothorac. Vasc. Anesth. 10: 120-126 (1996).	
	C136	Johnston, G.I. et al., "Structure of the human gene encoding granule membrane protein-140, a member of the selectin family of adhesion receptors for leukocytes," J. Biol. Chem. 265:21381-21385 (1990).	
	C137	Kai, H. et al., "Peripheral blood levels of matrix metalloproteinases-2 and -9 are elevated in patients with acute coronary syndromes," J. Am. Coll. Cardiol. 32:368-372 (1998).	
	C138	Kaikita, K. et al., "Soluble P-selectin is released into the coronary circulation after coronary spasm," Circulation 92:1726-1730 (1995).	
	C139	Kaikita, K. et al., "Tissue factor expression on macrophages in coronary plaques in patients with unstable angina," Arterioscler. Thromb. Vasc. Biol. 17:2232-2237 (1997).	
	C140	Kaneko et al., "Circulating levels of β -chemokines in systemic lupus erythematosus," J. Rheumatol., 26:568-573 (1999).	
✓	C141	Kaneko, N. et al., "Measurement of plasma annexin V by ELISA in the early detection of acute myocardial infarction," Clin. Chim. Acta 251:65-80 (1996).	

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UJ	C142	Katayama, M. <i>et al.</i> , "Soluble P-selectin is present in normal circulation and its plasma level is elevated in patients with thrombotic thrombocytopenic purpura and haemolytic uraemic syndrome," <i>Br. J. Haematol.</i> 84:702-710 (1993).	
	C143	Kato, K. <i>et al.</i> , "Immunoassay of human muscle enolase subunit in serum: a novel marker antigen for muscle diseases," <i>Clin. Chim. Acta</i> 131:75-85 (1983).	
	C144	Kato, K. and Kimura, "S100a ₆ (αα) protein is mainly located in the heart and striated muscles," <i>S., Biochim. Biophys. Acta</i> 842:146-150 (1985).	
	C145	Kaye, D.M. <i>et al.</i> , "The failing human heart does not release nitrogen oxides," <i>Life Sci.</i> 62:883-887 (1998).	
	C146	Keyszer <i>et al.</i> , "Circulating levels of matrix metalloproteinases MMP-3 and MMP-1, tissue inhibitor of metalloproteinases 1 (TIMP-1), and MMP-1/TIMP-1 complex in rheumatic disease. Correlation with clinical activity of rheumatoid arthritis versus other surrogate markers," <i>J. Rheumatol.</i> , 26:251-258 (1999).	
	C147	Keyszer, G. <i>et al.</i> , "Matrix metalloproteinases, but not catharsis B, H, and L or their inhibitors in peripheral blood of patients with rheumatoid arthritis are potentially useful markers of disease activity," <i>Z Rheumatol.</i> 57:392-398 (1998).	
	C148	Kienast, J. <i>et al.</i> , "Prothrombin activation fragment 1 + 2 and thrombin antithrombin III complexes in patients with angina pectoris: relation to the presence and severity of coronary atherosclerosis," <i>Thromb. Haemost.</i> 70:550-553 (1993).	
	C149	Kikuchi, T. <i>et al.</i> , "Clinical evaluation of serum S100 _{aa} protein in patients with urogenital diseases and healthy volunteers," <i>Hinyokika Kiyo</i> 36:1117-1123 (1990).	
	C150	Kim <i>et al.</i> , "Cytokines and adhesion molecules in stroke and related diseases," <i>J. Neurol. Sci.</i> , 137:69-78 (1996).	
	C151	Kim <i>et al.</i> , "Kidney as a major clearance organ for recombinant human interleukin-1 receptor antagonist," <i>J. Pharm. Sci.</i> , 84:575-580 (1995).	
	C152	Kim <i>et al.</i> , "Structure of the mouse IL-10 gene and chromosomal localization of the mouse and human genes," <i>J. Immunol.</i> 148:3618-23 (1992).	
✓	C153	Kobayashi and Kitamura, "KL-6: a serum marker for interstitial pneumonia," <i>Chest</i> 108:311-15 (1995).	

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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
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		Attorney Docket Number	071949- 5002 5604

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UJ	C154	Kohno, "Serum marker KL-6/MUC1 for the diagnosis and management of interstitial pneumonitis," <i>J. Med. Invest.</i> 46:151-58 (1999).	
	C155	Koller <i>et al.</i> , "Clinical value of monitoring eosinophil activity in asthma," <i>Arch. Dis. Childhood</i> 73:413-7 (1995).	
	C156	Konstantinides S. <i>et al.</i> , "Importance of cardiac troponins I and T in risk stratification of patients with acute pulmonary embolism," <i>Circulation</i> 106(10):1263-8 (Sept 2002).	
	C157	Kosar, F. <i>et al.</i> , "Plasma leukocyte elastase concentration and coronary artery disease," <i>Angiology</i> 49:193-201 (1998).	
	C158	Koukkunen, H. <i>et al.</i> , "Troponin T and creatinine kinase isoenzyme MB mass in the diagnosis of myocardial infarction," <i>Ann. Med.</i> 30:488-496 (1998).	
	C159	Koyama <i>et al.</i> , "Determination of plasma tissue factor antigen and its clinical significance," <i>Br. J. Haematol.</i> 87:343-347 (1994).	
	C160	Krause, E.G. <i>et al.</i> , "Glycogen phosphorylase isoenzyme BB in diagnosis of myocardial ischaemic injury and infarction," <i>Mol. Cell Biochem.</i> 160-161:289-295 (1996).	
	C161	Krishnaswamy <i>et al.</i> , "Utility of B-natriuretic peptide levels in identifying patients with left ventricular systolic or diastolic dysfunction," <i>Am. J. Med.</i> 111:274-79 (2001).	
	C162	Kruij, M.J. <i>et al.</i> , "Use of a clinical decision rule in combination with D-dimer concentration in diagnostic workup of patients with suspected pulmonary embolism," <i>Arch Intern Med</i> 162(14):1631-5 (7/22/02).	
	C163	Krupinski, J. <i>et al.</i> , "Protein kinase C expression and activity in the human brain after ischaemic stroke," <i>Acta Neurobiol. Exp. (Warz)</i> 58:13-21 (1998).	
	C164	Kruskal, J.B. <i>et al.</i> , "Fibrin and fibrinogen-related antigens in patients with stable and unstable coronary artery disease," <i>N. Engl. J. Med.</i> 317: 1361-65 (1987).	
	C165	Kudo, S. <i>et al.</i> , "Clearance and tissue distribution of recombinant human interleukin 1 β in rats," <i>Cancer Res.</i> 50:5751-5755 (1990).	
	C166	Kurimoto, M. <i>et al.</i> , "Plasma platelet-derived growth factor-B chain is elevated in patients with extensively large brain tumour," <i>Acta Neurochir. (Wien)</i> 137:182-187 (1995).	
✓	C167	Kuwasako <i>et al.</i> , "Increased plasma proadrenomedullin N-terminal 20 peptide in patients with essential hypertension," <i>Ann. Clin. Biochem.</i> 36:622-628 (1999).	

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UJ	C168	Lai, R.S. et al., "Evaluation of cytokeratin 19 fragment (CYFRA 21-1) as a tumor marker in malignant pleural effusion," <i>Jpn J Clin Oncol</i> 29(9):421-4 (Sep 1999).	
	C169	Landi et al., "Hypercoagulability in acute stroke: Prognostic significance," <i>Neurol.</i> , 37:1667-1671 (1987).	
	C170	Laskowitz et al., "Serum markers of cerebral ischemia," <i>J. Stroke Cerebrovasc. Dis.</i> , 7:234-241 (1998).	
	C171	Latini et al., "Cytokines in acute myocardial infarction: selective increase in circulating tumor necrosis factor, its soluble receptor, and interleukin-1 receptor antagonist," <i>J. Cardiovasc. Pharmacol.</i> , 23:1-6 (1994).	
	C172	Laurino, J.P. et al., "Thrombus precursor protein™ and the measurement of thrombosis in patients with acute chest pain syndrome," <i>Ann. Clin. Lab. Sci.</i> 27:338-345 (1997).	
	C173	Lee et al., "Insulin-like growth factors and cerebral ischemia," <i>Ann. N.Y. Acad. Sci.</i> 679:418-422 (1993).	
	C174	Lee et al., "Proteolytic processing of big endothelin-3 by the kell blood group protein," <i>Blood</i> 94:1440-50 (1999).	
	C175	Lein et al., "Metalloproteinasen (MMP-1, MMP-3) and ihre inhibitoren (TIMP) im blutplasma bei patienten mit prostatakarzinom," <i>Urologe [A]</i> 37:377-381 (1998).	
	C176	Li, D. et al., "Acute ischemic heart disease," <i>Am. Heart J.</i> 137:1145-1152 (1999).	
	C177	Li et al., "The expression of monocyte chemotactic protein (MCP-1) in human vascular endothelium <i>in vitro</i> and <i>in vivo</i> ," <i>Mol. Cell. Biochem.</i> 126:61-68 (1993).	
	C178	Ling, W. et al., "Oxidized or acetylated low density lipoproteins are rapidly cleared by the liver in mice with disruption of the scavenger receptor class A type I/II gene," <i>J. Clin. Invest.</i> 100:244-252 (1997).	
	C179	Liras, G. et al., "Clinical value of an automated granulocyte elastase assay in predicting severity of acute pancreatitis," <i>Rev. Esp. Enferm. Dig.</i> 87:647-652 (1995).	
↓	C180	Liu et al., "Purification and characterization of an interleukin-1 β -converting enzyme family protease that activates cysteine protease P32 (CPP32)," <i>J. Biol. Chem.</i> 271:13371-13376 (1996).	

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UJ	C181	Liuzzo et al., "Plasma protein acute-phase response in unstable angina is not induced by ischemic injury," <i>Circulation</i> 94:2373-2380 (1996).	
	C182	Livrea, M.A. et al., "Oxidative modification of low-density lipoprotein and atherogenetic risk in β -thalassemia," <i>Blood</i> 92:3936-3942 (1998).	
	C183	Long et al., "p53 and the hypoxia-induced apoptosis of cultured neonatal rat cardiac myocytes," <i>J. Clin. Invest.</i> 99:2635-2643 (1997).	
	C184	Lundergan et al., "Clinical investigations: acute ischemic heart disease," <i>Am. Heart J.</i> 144:456-62 (2002). "Cerebral ischemia produces ladder DNA fragments distinct	
	C185	MacManus, J.P. et al., "Glycogen phosphorylase isoenzyme BB to diagnose ischaemic myocardial damage," <i>J. Cereb. Blood Flow Metab.</i> 19:502-510 (1999). ishemia and	
	C186	Mahadevan, D. et al., "Structural role of extracellular domain 1 of α -platelet-derived growth factor (PDGF) receptor for PDGF-AA and PDGF-BB binding," <i>J. Biol. Chem.</i> 270:27595-27600 (1995). archtypal	
	C187	Mair, J. et al., "Early release of glycogen phosphorylase in patients with unstable angina and transient ST-T alterations," <i>Br. Heart J.</i> 72:125-127 (1994).	
	C188	Mair, J., "Glycogen phosphorylase isoenzyme BB to diagnose ischaemic myocardial damage," <i>Clin. Chim. Acta</i> 272:79-86 (1998).	
	C189	Mair, J., "Progress in myocardial damage detection: new biochemical markers for clinicians," <i>Crit. Rev. Clin. Lab. Sci.</i> 34:1-66 (1997).	
	C190	Mair, P. et al., "Glycogen phosphorylase isoenzyme BB mass release after coronary artery bypass grafting," <i>Eur. J. Clin. Chem. Clin. Biochem.</i> 32:543-547 (1994).	
	C191	Maiuri et al., "Serum and cerebrospinal fluid enzymes in subarachnoid haemorrhage," <i>Neurol. Res.</i> , 11:6-8 (1989).	
	C192	Mallamaci, F. et al., "Diagnostic value of troponin T for alterations in left ventricular mass and function in dialysis patients," <i>Kidney Int.</i> 62(5):1884-1890 (Nov 2002).	
	C193	Manicourt et al., "Serum levels of collagenase, stromelysin-1, and TIMP-1," <i>Arthritis Rheum.</i> , 37:1774-1783 (1994).	
✓	C194	Manten, A. et al., "Procoagulant and proinflammatory activity in acute coronary syndromes," <i>Cardiovasc. Res.</i> 40:389-395 (1998).	

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UJ	C195	Martens et al., "Serum S-100 and neuron-specific enolase for prediction of regaining consciousness after global cerebral ischemia," <i>Stroke</i> , 29: 2363-2366 (1998).	
	C196	Matsuda, H. et al., "A sandwich enzyme immunoassay for human muscle-specific β -enolase and its application for the determination of skeletal muscle injury," <i>Forensic Sci. Int.</i> 99:197-208 (1999).	
	C197	Matsumori et al., "Plasma levels of the monocyte chemoattractant and activating factor/monocyte chemoattractant protein-1 are elevated in patients with acute myocardial infarction," <i>J. Mol. Cell. Cardiol.</i> , 29:419-423 (1997).	
	C198	Mehta, J. et al., "Neutrophil function in ischemic heart disease," <i>Circulation</i> 79:549-556 (1989).	
	C199	Merlini, P.A. et al., "Persistent activation of coagulation mechanism in unstable angina and myocardial infarction," <i>Circulation</i> 90:61-68 (1994).	
	C200	Michelson, A.D. et al., "In vivo tracking of platelets: circulating degranulated platelets rapidly lose surface P-selectin but continue to circulate and function," <i>Proc. Natl. Acad. Sci. U S A.</i> 93:11877-11882 (1996).	
	C201	Missler et al., "S-100 protein and neuron-specific enolase concentrations in blood as indicators of infarction volume and prognosis in acute ischemic stroke," <i>Stroke</i> 28, 1956-1960 (1997).	
	C202	Misumi, K. et al., "Comparison of plasma tissue factor levels in unstable and stable angina pectoris," <i>Am. J. Cardiol.</i> 81:22-26 (1998).	
	C203	Miwa, K. et al., "Soluble E-selectin, ICAM-1 and VCAM-1 levels in systemic and coronary circulation in patients with variant angina," <i>Cardiovasc. Res.</i> 36:37-44 (1997).	
	C204	Miyata et al., "Conformational changes in the A1 domain of von Willebrand factor modulating the interaction with platelet glycoprotein Iba," <i>Biol. Chem.</i> 271:9046-9053 (1996).	
	C205	Montalescot et al., "Early increase of von Willebrand factor predicts adverse outcome in unstable coronary artery disease," <i>Circulation</i> 98:294-299 (1998).	
	C206	Moore et al., "Collagenase expression in ovarian cancer cell lines," <i>Gynecol. Oncol.</i> 65:78-82 (1997).	
✓	C207	Mooser, V. et al., "Effect of cardiopulmonary bypass and heparin on plasma levels of Lp(a) and Apo(a) fragments," <i>Arterioscler. Thromb. Vasc. Biol.</i> 19:1060-1065 (1999).	

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UJ	C208	Morgan and Hodge, "Diagnostic evaluation of dyspnea," <i>Am. Fam. Physician</i> 57:711-16 (1998).	
	C209	Morita, T. <i>et al.</i> , "Evaluation of serum S100ao protein in patients with renal cell carcinoma," <i>Nippon Hinyokika Gakkai Zasshi</i> 81:1162-1167 (1990).	
	C210	Mowla <i>et al.</i> , "Biosynthesis and post-translational processing of the precursor to brain-derived neurotrophic factor," <i>J. Biol. Chem.</i> 276: 12660-12666 (2001).	
	C211	Mulrow <i>et al.</i> , "Discriminating causes of dyspnea through clinical examination," <i>J. Gen. Int. Med.</i> 8:383-92 (1993).	
	C212	Mulvihill, N. <i>et al.</i> , "Early temporal expression of soluble cellular adhesion molecules in patients with unstable angina and subendocardial myocardial infarction," <i>Am. J. Cardiol.</i> 83:1265-7, A9 (1999).	
	C213	Mun-Bryce <i>et al.</i> , "Matrix metalloproteinases in cerebrovascular disease," <i>J. Cereb. Blood Flow Metab.</i> 18:1163-1172 (1998).	
	C214	Murawaki, Y. <i>et al.</i> , "Serum matrix metalloproteinase-1 in patients with chronic viral hepatitis," <i>J. Gastroenterol. Hepatol.</i> 14:138-145 (1999).	
	C215	Murawaki, Y. <i>et al.</i> , "Clinical usefulness of serum matrixmetalloproteinase-2 concentration in patients with chronic viral liver disease," <i>J. Hepatol.</i> 30:1090-1098 (1999).	
	C216	Musso, P. <i>et al.</i> , "Troponina I cardiaca E troponina T cardiaca nell'angina instabile: incidenza, correlazione, cinetica di rilasciamento e valore prognostico," <i>J. Ital. Cardiol.</i> 26:1013-23 (1996).	
	C217	Nakamura, T. <i>et al.</i> , "Modulation of plasma metalloproteinase-9 concentrations and peripheral blood monocyte mRNA levels inpatients with septic shock: effect of fiber-immobilized polymyxin B treatment," <i>Am. J. Med. Sci.</i> 316:355-360 (1998).	
	C218	Ng and Ilag, "Biomedical applications of protein chips," <i>J. Cell Mol. Med.</i> 6:329-340 (2002).	
	C219	Ni, Z. <i>et al.</i> , "Up-regulation of renal and vascular nitric oxide synthase in iron-deficiency anemia," <i>Kidney Int.</i> 52:195-201 (1997).	
✓	C220	Niebroj-Dobosz, I., <i>et al.</i> , "Immunochemical analysis of some proteins in cerebrospinal fluid and serum of patients with ischemic strokes," <i>Folia Neuropathol.</i> 32:129-137 (1994).	

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	C222	Nishizawa et al., "Protein kinase C δ and α are involved in the development of vasospasm after subarachnoid hemorrhage," <i>Eur. J. Pharmacol.</i> 398: 113-119 (2000).	
	C223	Nomura, M. et al., "Serum β -enolase in acute myocardial infarction," <i>Br. Heart J.</i> 58:29-33 (1987).	
	C224	Nomura, S. et al., "Effect of cilostazol on soluble adhesion molecules and platelet-derived microparticles in patients with diabetes," <i>Thromb. Haemost.</i> 80:388-392 (1998).	
	C225	Norregaard-Hansen, K. et al., "Lack of indication of myocardial cell damage after myocardial ischaemia in patients with severe stable angina," <i>Eur. Heart J.</i> 13:188-193 (1992).	
	C226	O'Connor, C.M. et al., "Usefulness of soluble and surface-bound P-selectin in detecting heightened platelet activity in patients with congestive heart failure," <i>Am. J. Cardiol.</i> 83:1345-1349 (1999).	
	C227	Ogawa, H. et al., "Plasma platelet-derived growth factor levels in coronary circulation in unstable angina pectoris," <i>Am. J. Cardiol.</i> 69:453-456 (1992).	
	C228	Ogawa, H. et al., "Plasma soluble intercellular adhesion molecule-1 levels in coronary circulation in patients with unstable angina," <i>Am. J. Cardiol.</i> 83:38-42 (1999).	
	C229	Ogawa, H. et al., "Platelet-derived growth factor is released into the coronary circulation after coronary spasm," <i>Coron. Artery Dis.</i> 4:437-442 (1993).	
	C230	Ohtsuka et al., "Clinical implications of circulating soluble Fas and Fas ligand in patients with acute myocardial infarction," <i>Coron. Artery Dis.</i> 10:221-225 (1999).	
	C231	Otsuki et al., "Circulating vascular cell adhesion molecule-1 (VCAM-1) in atherosclerotic NIDDM patients," <i>Diabetes</i> 46:2096-2101 (1997).	
	C232	Paganuzzi, M. et al., "Diagnostic value of CYFRA 21-1 tumor marker and CEA in pleural effusion due to mesothelioma," <i>Chest</i> 119(4):1138-42 (2001).	
✓	C233	Palfreyman, J.W. et al., "Radioimmunoassay of serum myelin basic protein and its application to patients with cerebrovascular accident," <i>Clin. Chim. Acta</i> 92:403-409 (1979).	

Examiner Signature	/Unsu Jung/	Date Considered	11/02/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	40/330,696 10/728,067
		Filing Date	12/23/2002 12/03/2003
Date Submitted: April 14, 2003		First Named Inventor	Kenneth F. Buechler
(use as many sheets as necessary)		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	20	of	27
		Attorney Docket Number	071949- 5002 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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UJ	C234	Pellegatta, F. <i>et al.</i> , "Soluble E-selectin and intercellular adhesion molecule-1 plasma levels increase during acute myocardial infarction," <i>J. Cardiovasc. Pharmacol.</i> 30:455-460 (1997).	
	C235	Persson <i>et al.</i> , "S-100 protein and neuron-specific enolase in cerebrospinal fluid and serum: markers of cell damage in human central nervous system," <i>Stroke</i> 18:911-918 (1987).	
	C236	Peter, K. <i>et al.</i> , "Circulating vascular cell adhesion molecule-1 correlates with the extent of human atherosclerosis in contrast to circulating intercellular adhesion molecule-1, E-selectin, P-selectin, and thrombomodulin," <i>Arterioscler. Thromb. Vasc. Biol.</i> 17:505-512 (1997).	
	C237	Pettila <i>et al.</i> , "Predictive value of procalcitonin and interleukin 6 in critically ill patients with suspected sepsis," <i>Intensive Care Med.</i> 28:1220-25 (2002).	
	C238	Plow, E.F., "Leukocyte elastase release during blood coagulation," <i>J. Clin. Invest.</i> 69:564-572 (1982).	
	C239	Plow, E.F. and Plescia, J., "Neutrophil secretion during blood coagulation: evidence for a prekallikrein independent pathway," <i>Thromb. Haemost.</i> 59:360-363 (1988).	
	C240	Polin <i>et al.</i> , "Detection of soluble E-selectin, ICAM-1, VCAM-1, and L-selectin in the cerebrospinal fluid of patients after subarachnoid hemorrhage," <i>J. Neurosurg.</i> 89:559-567 (1998).	
	C241	Prickett <i>et al.</i> , "Identification of amino-terminal pro-C-type natriuretic peptide in human plasma," <i>Biochem. Biophys. Res. Commun.</i> 286:513-517 (2001).	
	C242	Quinn <i>et al.</i> , "Mapping of antigenic sites in human neuron-specific enolase by expression subcloning," <i>Clin. Chem.</i> 40: 790-795 (1994).	
	C243	Rabitzsch, G. <i>et al.</i> , "Immunoinhibition assay of the serum activity of human glycogen isophosphorylase BB in the diagnosis of the acute myocardial ischaemia," <i>Biomed. Biochim. Acta</i> 46:S584-S588 (1987).	
	C244	Rabitzsch, G. <i>et al.</i> , "Immunoassay of human glycogen phosphorylase isoenzyme BB in diagnosis of ischemic myocardial injury," <i>Clin. Chem.</i> 41:966-978 (1995).	
	C245	Rabitzsch, G. <i>et al.</i> , "Isoenzyme BB of glycogen phosphorylase b and myocardial infarction," <i>Lancet</i> 341:1032-1033 (1993).	
✓	C246	Ray <i>et al.</i> , "Predictive factors of tumor response and prognostic factors of survival during lung cancer chemotherapy," <i>Cancer Detect. Prev.</i> 22: 293-304 (1998).	

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Date Submitted: April 14, 2003		First Named Inventor	Kenneth F. Buechler
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UJ	C247	Reeves, D., "Trypase," <i>Immunology HAPS</i> (June 1998).	
	C248	Robey et al., "Binding of C-reactive protein to chromatin and nucleosome core particles," <i>J. Biol. Chem.</i> 259:7311-7316 (1984).	
	C249	Romanic et al., "Matrix metalloproteinase expression increases after cerebral focal ischemia in rats," <i>Stroke</i> 29:1020-1030 (1998).	
	C250	Rosenberg, "Matrix metalloproteinases in brain injury," <i>J. Neurotrauma</i> 12:833-842 (1995).	
	C251	Rossi et al., "Natriuretic peptide levels in atrial fibrillation," <i>Journal of the American College of Cardiology</i> 35: 1256-62 (2000).	
	C252	Rossi, E. et al., "Increased plasma levels of platelet-derived growth factor(PDGF-BB + PDGF-AB) in patients with never-treated mild essential hypertension," <i>Am. J. Hypertens.</i> 11:1239-1243 (1998).	
	C253	Rubattu et al., "The gene encoding atrial natriuretic peptide and the risk of human stroke," <i>Circulation</i> 100:1722-1726 (1999).	
	C254	Rucinski et al., "Clearance of human platelet factor 4 by liver and kidney: its alteration by heparin," <i>Am. J. Physiol.</i> 251: H800-H807 (1986).	
	C255	Sagnella, G.A., "Measurement and significance of circulating natriuretic peptides in cardiovascular disease," <i>Clinical Science</i> 95:519-29 (1998).	
	C256	Sakamaki, F. et al., "Soluble form of P-selectin in plasma is elevated in acute lung injury," <i>A. J. Respir. Crit. Care Med.</i> 151:1821-1826 (1995).	
	C257	Sakata, K. et al., "Characteristics of vasospastic angina with exercised-induced ischemia—analysis of parameters of hemostasis and fibrinolysis—," <i>Jpn. Circ. J.</i> 60:277-284 (1996).	
	C258	Saraste A., "Morphologic criteria and detection of apoptosis," <i>Herz.</i> 24:189-195 (1999).	
	C259	Sasagawa, T. et al., "The significance of plasma lysophospholipids in patients with renal failure on hemodialysis," <i>J. Nutr. Sci. Vitaminol.</i> (Tokyo) 44:809-818 (1998).	
	C260	Sawicki, G. et al., "Localization and translocation of MMP-2 during aggregation of human platelets," <i>Thromb. Haemost.</i> 80:836-839 (1998).	
✓	C261	Schabiltz et al., "Intraventricular brain-derived neurotrophic factor reduces infarct size after focal cerebral ischemia in rats," <i>J. Cereb. Blood Flow Metab.</i> 17: 500-506 (1997).	

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(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	22 of 27	Attorney Docket Number	071949- 5002 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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UJ	C262	Schaller et al., "Elevated levels of head activator in human brain tumors and in serum of patients with brain and other neurally derived tumors," <i>J. Neuro. Oncol.</i> 6:251-258 (1988).	
	C263	Schins and Borm, "Epidermological evaluation or release of monocyte TNF- α as an exposure and effect marker in pneumoconiosis: a five year follow up study of coal workers," <i>Occup. Environ. Med.</i> 52:441-50 (1995).	
	C264	Schwab et al., "Plasma insulin-like growth factor I and IGF binding protein 3 levels in patients with acute cerebral ischemic injury," <i>Stroke</i> 28:1744-1748 (1997).	
	C265	Schwartz et al., "Tryptase levels as an indicator of mast-cell activation in systemic anaphylaxis and mastocytosis," <i>N. Engl. J. Med.</i> 316:1622-26 (1987).	
	C266	Seki et al., "Sustained activation of blood coagulation in patients with cerebral thrombosis," <i>A. J. Hematol.</i> 50: 155-160 (1995).	
	C267	Seki et al., "Plasma levels of thrombomodulin and lipoprotein (a) in patients with cerebral thrombosis," <i>Blood Coagul. Fibrinolysis</i> 8:391-396 (1997).	
	C268	Seymour, L. et al., "Tissue platelet derived-growth factor (PDGF) predicts for shortened survival and treatment failure in advanced breast cancer," <i>Breast Cancer Res. Treat.</i> 26:247-252 (1993).	
	C269	Shamsham and Mitchell, "Essentials of the diagnosis of heart failure," <i>Am. Fam. Physician</i> 61:1319-28 (2000).	
	C270	Shibata, M. et al., "Effect of magnesium sulfate pretreatment and significance of matrix metalloproteinase-1 and interleukin-6 Levels in coronary reperfusion therapy for patients with acute myocardial infarction," <i>Angiology</i> 50:573-582 (1999).	
	C271	Shimomura, H. et al., "Serial changes in plasma levels of soluble P-selectin in patients with acute myocardial infarction," <i>Am. J. Cardiol.</i> 81:397-400 (1998).	
	C272	Shyu et al., "Serum levels of intercellular adhesion molecule-1 and E-selectin in patients with acute ischaemic stroke," <i>J. Neurol.</i> 244:90-93 (1997).	
	C273	Siess, W., "Lysophosphatidic acid mediates the rapid activation of platelets and endothelial cells by mildly oxidized low density lipoprotein and accumulates in human atherosclerotic lesions," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 96, 6931-6936 (1999).	

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UJ	C274	Sixma et al., "Von Willebrand factor and the blood vessel wall," <i>Mayo Clin. Proc.</i> 66:628-633 (1991).	
	C275	Skogseid et al., "Increased serum creatine kinase BB and neuron specific enolase following head injury indicates brain damage," <i>Acta Neurochir (Wein)</i> , 115: 106-111 (1992).	
	C276	Sobel, M. et al., "Circulating platelet products in unstable angina pectoris," <i>Circulation</i> 63:300-306 (1981).	
	C277	Soejima, H. et al., "Heightened tissue factor associated with tissue factor pathway inhibitor and prognosis in patients with unstable angina," <i>Circulation</i> 99:2908-2913 (1999).	
	C278	Soejima, H. et al., "Angiotensin-converting enzyme inhibition reduces monocyte chemoattractant protein-1 and tissue factor levels in patients with myocardial infarction," <i>J. Am. Coll. Cardiol.</i> 34:983-988 (1999).	
	C279	Sorbi et al., "Elevated levels of 92-kd type IV collagenase (Matrix metalloproteinase 9) in giant cell arteritis," <i>Arthritis Rheum.</i> 39:1747-1753 (1996).	
	C280	Sorkness et al., "Evaluation of serum eosinophil cationic protein as a predictive marker for asthma exacerbation in patients with persistent disease," <i>Clin. Exp. Allergy</i> 32:1355-59 (2002).	
	C281	Soufer et al., "Intact systolic left ventricular function in clinical congestive heart failure," <i>Am. J. Cardiol.</i> 55:1032-6 (1984). 1985	
	C282	Squadrito, F. et al., "Thrombolytic therapy with urokinase reduces increased circulating endothelial adhesion molecules in acute myocardial infarction," <i>Inflamm. Res.</i> 45:14-19 (1996).	
	C283	Steiner et al., "Increased levels of soluble adhesion molecules in Type 2 (Non-insulin dependent) diabetes mellitus are independent of glycaemic control," <i>Thromb. Haemost.</i> 72:979-984 (1994).	
	C284	Stockman et al., "Secondary structure and topology of interleukin-1 receptor antagonist protein determined by heteronuclear three-dimensional NMR spectroscopy," <i>Biochemistry</i> 31:5237-5245 (1992).	
✓	C285	Suefuji, H. et al., "Increased plasma tissue factor levels in acute myocardial infarction," <i>Am. Heart J.</i> 134:253-259 (1997).	

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Date Submitted: April 14, 2003		Filing Date	12/29/2002 12/03/2003
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
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UJ	C286	Suga et al., "Clinical significance of MCP-1 levels in BALF and serum in patients with interstitial lung diseases," <i>Eur. Respir. J.</i> 14:376-382 (1999).	
	C287	Switaika et al., "Radioimmunoassay of human platelet thrombospondin: different patterns of thrombospondin and β -thromboglobulin antigen secretion and clearance from the circulation," <i>J. Lab. Clin. Med.</i> 106: 690-700 (1985).	
	C288	Taira et al., "Serum B12 tryptase level as a marker of allergic airway inflammation in asthma," <i>J. Asthma</i> 39:315-22 (2002).	
	C289	Takahashi et al., "Tissue factor in plasma of patients with disseminated intravascular coagulation," <i>Am. J. Hematol.</i> 46:333-337 (1994).	
	C290	Takeda, I. et al., "Soluble P-selectin in the plasma of patients with connective tissue diseases," <i>Int. Arch. Allergy Immunol.</i> 105:128-134 (1994).	
	C291	Tanaka, M. and Suzuki, A., "Hemostatic abnormalities in acute myocardial infarction as detected by specific blood markers," <i>Thromb. Res.</i> 76:289-98 (1994).	
	C292	Tanaka, T. et al., "Serum and urinary human heart fatty acid-binding protein in acute myocardial infarction," <i>Clin. Biochem.</i> 24:195-201 (1991).	
	C293	Tanasijevec, M.J., "The role of cardiac troponin-I (cTnI) in risk stratification of patients with unstable coronary artery disease," et al., <i>Clin. Cardiol.</i> 22:13-16 (1999).	
	C294	Tateyama et al., "Concentrations and molecular forms of human brain natriuretic peptide in plasma," <i>Biochem. Biophys. Res. Commun.</i> 185:760-7 (1992).	
	C295	Tenaglia, A.N. et al., "Levels of expression of P-selectin, E-selectin, and intercellular adhesion molecule-1 in coronary atherectomy specimens from patients with stable and unstable angina pectoris," <i>Am. J. Cardiol.</i> 79:742-747 (1997).	
	C296	Theroux, P. et al., "Febrinopeptide A and platelet factor levels in unstable angina pectoris," <i>Circulation</i> 75:156-162 (1987).	
	C297	Thomas et al., "Serum myelin basic protein, clinical responsiveness, and outcome of severe head injury," <i>Acta Neurochir. Suppl.</i> 28: 93-95 (1979).	
✓	C298	Thygesen, K. et al., "Creatine kinase and creatine kinase B-subunit in stable and unstable angina pectoris," <i>Eur. J. Clin. Invest.</i> 16:1-4 (1986).	

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UJ	C299	Burtis et al., Tietz Textbook of Clinical Chemistry, 2nd edition, Carl Burtis and Edward Ashwood eds., W.B. Saunders and Company, p. 490. 485 - 507	
	C300	Tohgi et al., "Coagulation-fibrinolysis abnormalities in acute and chronic phases of cerebral thrombosis and embolism," <i>Stroke</i> 21: 1663-1667 (1990).	
	C301	Tomoda, H. and Aoki, N., "Plasma soluble P-selectin in acute myocardial infarction: effects of coronary recanalization therapy," <i>Angiology</i> 49:807-813 (1998).	
	C302	Tousoulis et al., "Von Willebrand factor in patients evolving Q-wave versus non-Q-wave acute myocardial infarction," <i>Int. J. Cardiol.</i> 56:259-262 (1996).	
	C303	Trotter et al., "Immunoreactive myelin proteolipid protein-like activity in cerebrospinal fluid and serum of neurologically impaired patients," <i>Ann. Neurol.</i> , 14: 554-558 (1983).	
	C304	Tsuji, R. et al., "Human heart-type cytoplasmic fatty acid-binding protein in serum and urine during hyperacute myocardial infarction," <i>Int. J. Cardiol.</i> 41:209-217 (1993).	
	C305	Uchiyama et al., "Alterations of platelet, coagulation, and fibrinolysis markers in patients with acute ischemic stroke," <i>Semin. Thromb. Hemost.</i> 23: 535-541 (1997).	
	C306	Ushiyama, S. et al., "Structural and functional characterization of monomeric soluble P-selectin and comparison with membrane P-selectin," <i>J. Biol. Chem.</i> 268:15229-15237 (1993).	
	C307	Usui, A. et al., "β-Enolase in blood plasma during open heart surgery," <i>Cardiovasc. Res.</i> 23:737-740 (1989).	
	C308	Usui, A. et al., "Neural tissue-related proteins (NSE, G ₀ α, 28-kDa calbindin-D, S100b and CK-BB) in serum and cerebrospinal fluid after cardiac arrest," <i>J. Neurol. Sci.</i> 123:134-139 (1994).	
	C309	Usui, A. et al., "S-100a ₀ protein in blood and urine during open-heart surgery," <i>Clin. Chem.</i> 35:1942-1944 (1989).	
	C310	Usui, A. et al., "S-100a ₀ protein in serum during acute myocardial infarction," <i>Clin. Chem.</i> 36:639-641 (1990).	
	C311	van den Dorpel, M.A. et al., "Low-density lipoprotein oxidation is increased in kidney transplant recipients," <i>Transpl. Int. 9 Suppl.</i> 1:S54-S57 (1996).	
✓	C312	Van Nieuwenhoven, F.A. et al., "Discrimination between myocardial and skeletal muscle injury by assessment of the plasma ratio of myoglobin over fatty acid-binding protein," <i>Circulation</i> 92:2848-2854 (1995).	

Examiner Signature	/Unsu Jung/	Date Considered	11/02/2006
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/330,690- 10/728,067
Date Submitted: April 14, 2003		Filing Date	12/23/2002- 12/03/2003
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	26	of	27
		Attorney Docket Number	071949-5002- 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
UJ	C313	Veerkamp, J.H. and Maatman, R.G., "Cytoplasmic fatty acid-binding proteins: their structure and genes," <i>Prog. Lipid Res.</i> 34:17-52 (1995).	
	C314	Venge, "Surrogate markers for monitoring inflammation in asthma," <i>Clinical and experimental allergy</i> , 23 (2):3-7 (1993). "Serum measurements of eosinophil cationic protein (ECP) in bronchial asthma"	
	C315	Viera <i>et al.</i> , "Isolation and expression of human cytokine synthesis inhibitory factor cDNA clones: homology to Epstein-Barr virus open reading frame BCRF1," <i>Proc. Natl. Acad. Sci. USA</i> 88:1172-76 (1991).	
	C316	Virchow <i>et al.</i> , "Sputum ECP levels correlate with parameters of airflow obstruction," <i>Am. Rev. Respir. Dis.</i> 146:604-6 (1992).	
	C317	Wallace, J.M. <i>et al.</i> , "The assessment of platelet derived growth factor concentration in post myocardial infarction and stable angina patients," <i>Ann. Clin. Biochem.</i> 35:236-241 (1998).	
	C318	Ward <i>et al.</i> , "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546 (1989).	
	C319	Whicher <i>et al.</i> , "Procalcitonin as an acute phase marker," <i>Ann. Clin. Biochem.</i> 38: 483-93 (2001).	
	C320	Wilkins <i>et al.</i> , "The natriuretic-peptide family," <i>Lancet</i> , 349:1307-1310 (1997).	
	C321	Wilson <i>et al.</i> , "Simplified conjugation chemistry for coupling peptides to F(ab') fragments: autologous red cell agglutination assay for HIV-1 antibodies," <i>J. Immunol. Methods</i> 175:267-273 (1994).	
	C322	Winnikes <i>et al.</i> , "Head activator as a potential serum marker for brain tumor analysis," <i>Eur. J. Cancer</i> 28:421-424 (1992).	
	C323	Woertgen <i>et al.</i> , "Comparison of serial S-100 and NSE serum measurements after severe head injury," <i>Acta Neurochir (Wien)</i> 139: 1161-1165 (1997).	
	C324	Xu, Y. <i>et al.</i> , "Lysophosphatidic Acid as a potential biomarker for ovarian and other gynecologic cancers," <i>JAMA</i> 280:719-723 (1998).	
✓	C325	Yamane <i>et al.</i> , "Serum levels of KL-6 as a useful marker for evaluating pulmonary fibrosis in patients with systemic sclerosis," <i>J. Rheumatol.</i> 27:930-4 (2000).	

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Date Submitted: April 14, 2003		Filing Date	12/29/2002 12/03/2003
(use as many sheets as necessary)		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
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		Attorney Docket Number	071949- 5002 5604

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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UJ	C326	Yamazaki et al., "Alterations of haemostatic markers in various subtypes and phases of stroke," <i>Blood Coagul. Fibrinolysis</i> 4:707-712 (1993).	
	C327	Yap et al., "Contraction to big endothelin-1, big endothelin-2 and big endothelin-3, and endothelin-converting enzyme inhibition in human isolated bronchi," <i>Br. J. Pharmacol.</i> 129:170-176 (2000).	
	C328	Yarmush et al., "Coupling of antibody-binding fragments to solid-phase supports: site-directed binding of F(ab') ₂ fragments," <i>J. Biochem. Biophys. Methods</i> 25:85-97 (1992). 285 - 297	
	C329	Yazdani, S. et al., "Percutaneous interventions alter the hemostatic profile of patients with unstable versus stable angina," <i>J Am Coll Cardiol</i> 30:1284-1287 (1997).	
	C330	Yoneda et al., "Identification of a novel adenylate kinase system in the brain: Cloning of the fourth adenylate kinase," <i>Mol. Brain Res.</i> 62:187-195 (1998).	
	C331	Yoshimoto, K. et al., "Human heart-type cytoplasmic fatty acid-binding protein as an indicator of acute myocardial infarction," <i>Heart Vessels</i> 10:304-309 (1995).	
	C332	Yoshimura et al., "Human monocyte chemoattractant protein-1 (MCP-1)," <i>FEBS Lett.</i> 244:487-493 (1989).	
	C333	Yoshitomi et al., "Plasma levels of adrenomedullin in patients with acute myocardial infarction," <i>Clin. Sci.</i> 94:135-9 (1998).	
	C334	Yukioka et al., "Plasma procalcitonin in sepsis and organ failure," <i>Ann. Acad. Med. Singapore</i> 30:528-31 (2001).	
↓	C335	Zucker et al., "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity," <i>J. Rheumatol.</i> 26:78-80 (1999).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/728,067
		Filing Date	12-03-2003
		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	1641
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	071949-5604	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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UJ	A2	6214560		Yguerabide et al.	04-10-2001	
UJ	A3	2003/0153014		Shen et al.	08-14-2003	

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UJ	A4	WO	03/016910		Biosite, Inc.	02-27-2003	

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UJ	A5	International Search Report mailed January 5, 2005 for International Application No. PCT/US2003/41453	

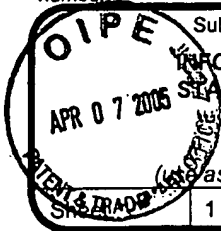
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/728,067
			Filing Date	12/03/2003
			First Named Inventor	Buechler et al.
			Group Art Unit	1645
			Examiner Name	
(Use as many sheets as necessary)		Attorney Docket Number	071949-5604	
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
UJ	A1	US 2001/0023419		Lapointe et al.	09-20-2001	
UJ	A2	US 2002/0055186		Barry et al.	05-09-2002	
UJ	A3	US 2002/0095260		Huyn	07-18-2002	
UJ	A4	6485983		Lu et al.	11-26-2002	

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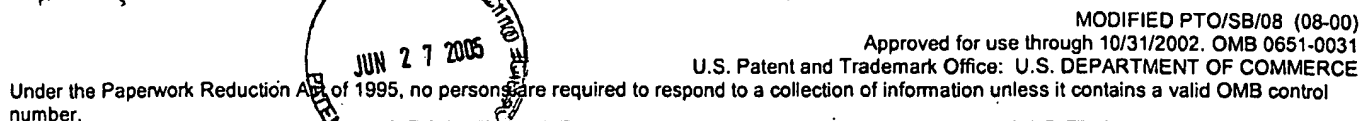
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UJ	A6	International Search Report for PCT application No. PCT/US03/41426	

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Sheet

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of

1

Application Number	10/728,067
Filing Date	12/03/2003
First Named Inventor	Kenneth F. Buechler
Group Art Unit	1641
Examiner Name	Unassigned
Attorney Docket Number	071949-5604

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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

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Application Number	10/728,067
Filing Date	12-03-2003
First Named Inventor	BEUCHLER
Group Art Unit	1641
Examiner Name	
Attorney Docket Number	071949-5604

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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UJ	A1	Harter et al., Caspase-3 activity is present in cerebrospinal fluid from patients with traumatic brain injury. Journal of Neuroimmunology, 121:76-78, 2001.	

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STATEMENT BY APPLICANT

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First Named Inventor	Kenneth F. Buechler
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Examiner Name	Unassigned
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U.S. PATENT APPLICATION DOCUMENTS

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UJ	A1	2003/0233197		Padilla et al.	12-18-2003	

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UJ	A2	DE BRUYN et al., A systematic review of the diagnostic accuracy of physical examination for the detection of cirrhosis, BMC Medical Informatics and Decision Making, 2001, pp. 1-11, Vol. 1	

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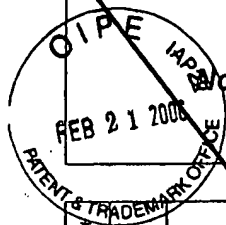
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Application/Control No.

10/410,572

4/8/2003

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Russell S. Negin

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1631

Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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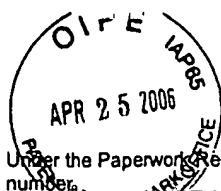
FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	De Bruyn and Graviss, BMC Medical Informatics and Decision Making, volume 1, 2001, 11 pages
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
Sheet	1	of	1
		Application Number	10/728,067
		Filing Date	12/03/2003
		First Named Inventor	Kenneth F. Buechler
		Group Art Unit	1641
		Examiner Name	Unassigned
		Attorney Docket Number	071949-5604

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
UJ ↓	A1	5624850		Kumar et al.	04-29-1997	
	A2	5710008		Jackowski	01-20-1998	
	A3	5814462		Weinberger	09-29-1998	
	A4	6180418		Lee	01-30-2001	
	A5	6251691		Seul	06-26-2001	
	A6	6297062		Gombinski	10-02-2001	
	A7	6300141		Segal et al.	10-09-2001	
	A8	2002/0077470		Walker et al.	06-20-2002	
	A9	2002/0081714		Jani et al.	06-27-2002	
	A10	2002/0127623		Minshull et al.	09-12-2002	

U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
UJ	A11	WO	2000/35951	A1	The University of Leicester	06-22-2000		

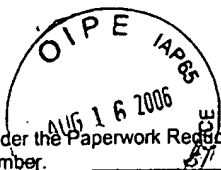
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	

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		First Named Inventor	BEUCHLER		
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		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	071949-5604

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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UJ	A1	HASSAN et al., "Non-viable myocardium, documented by TL-201 SPECT, is a main determinant of the increase in the secretion of cardiac natriuretic peptides" Medecine Nucleaire, 2000, 24/6, pp 301-310 (Database EMBASE Accession No. 2001129199 and English language translation)	

Examiner Signature	/Unsu Jung/	Date Considered	11/03/2006
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